



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/761,281	01/22/2004	Jun Iijima	02410267D1	3175

7590 12/22/2004  
McGuireWoods LLP  
Suite 1800  
1750 Tysons Boulevard  
McLean, VA 22102

EXAMINER

HANLEY, JOHN C

ART UNIT	PAPER NUMBER
----------	--------------

2856

DATE MAILED: 12/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Art Unit: 2856

1. The reply filed on 9/14/04 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): Applicant did not respond to the objection to the Summary of the Invention. In addition, applicant's refusal to amend the objected claims is non-responsive. Claim 1 was not amended according to applicant's remarks. The lead is still claimed as "brought into proximity." Applicant's refusal to amend around the objection of claims 7, 16 and 20 is not even related to the objection made. The method language objected to in claim 10 was not corrected. This language renders the structure unclear as to whether or not the intermediate or final structure is claimed. Further, the claim language claims the apparatus by reciting structure (cavity, mold) not depicted in the drawings, and/or not a part of the claimed apparatus, as set forth in the objection made to these claims. Applicant's argument for the refusal to amend essentially states that structure not provided is claimed, amounting to negative limitation. Claim 19 was not amended in response to the objection made. A cavity is not a structural element in itself, especially without structure to define its boundaries, which structure, if recited as disclosed, it not a part of the sensor. Moreover, it (cavity) cannot have an "outside", and the resin recited would fill the so-called cavity, so it could not be called a cavity. The front surface is a relative term that is not defined. The objection to the language "flange" in claim 14 was not corrected. This could just as easily read on the element 12a as well as 13. "Can be inferred", as applicant argues, does not meet the "reasonable degree of clarity and precision" test argued by applicant as reason to refuse amending. The rejection of claim 15 was not answered with respect to the concave surface, and the relative term "a front" was not corrected. The rejection of claim 12 regarding further limiting was not corrected. A rod does not further structurally limit a rod-

Art Unit: 2856

like projection. If it does, applicant has not disclosed the difference.


See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John C Hanley whose telephone number is 571-272-2195. The examiner can normally be reached on M-F 9AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron Williams can be reached on 571-272-2208. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JCH



HEZRON WILLIAMS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800